

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

V2002070A

First Inventor

Kwong-Onn C. Chan

Title

DRILL STRING SHUTOFF VALVE

Express Mail Label No.

EV 342413301 US

22278 US PTO  
10/677917

ADDRESS TO: Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form PTO/SB/17 (in duplicate)
2. ☐ Applicant claims small entity status. See 37 CFR 1.27.
3. ☒ Specification [Total Pages 29]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to a sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. ☒ Oath or Declaration [Total Sheets 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 19 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76.
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. ☐ Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identify of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
11. ☒ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449  
\_\_\_\_\_ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (Itemized)
16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
17. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
18. ☒ Other: Transmittal Letter

19. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation    ☐ Divisional    ☒ Continuation-in-part (CIP)    of prior application No. 10/321,087  
Prior Application Information:    Examiner: \_\_\_\_\_    Group Art Unit: 3672

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 20. CORRESPONDENCE ADDRESS

Direct all correspondence to:

☐ Customer Number or Bar Code Label:

<input checked="" type="checkbox"/> Firm Name	BRACEWELL & PATTERSON, L.L.P.				
Address	Attention: James E. Bradley				
Address	P. O. Box 61389				
City	Houston	State	Texas	ZIP	77208-1389
Country	United States	Telephone	(713) 221-3301	Fax	(713) 222-3287
Name (Print/Type)	James E. Bradley		Registration No.	27,536	
Signature	<i>James E. Bradley</i>		Date	Oct 2, 2003	

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

METHOD OF PAYMENT (check all that apply)

☐ Check Enclosed

☒ The Director is authorized to charge fee(s) indicated below, charge any additional fee(s) or any underpayment of fees, and credit any overpayments to:
DEPOSIT ACCOUNT NO.: 22-0279 (V2003012)

Deposit Account Name:

ABB VETCO GRAY INC.

## Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Kwong-Onn C. Chan
Examiner Name	Unknown
Art Unit	Unknown

Attorney Docket No. V2003012

## FEE CALCULATION (continued)

## 3. Additional Fees

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	\$ 130	2051	\$ 65	Surcharge - late filing fee or oath	\$
1052	\$ 50	2052	\$ 25	Surcharge - late provisional filing fee or cover sheet	\$
1053	\$ 130	1053	\$ 130	Non-English specification	\$
1812	\$2,520	1812	\$2,520	For filing a request for <i>ex parte</i> reexamination	\$
1804	\$ 920*	1804	\$ 920*	Requesting publication of SIR prior to Examiner action	\$
1805	\$1,840*	1805	\$1,840*	Requesting publication of SIR after Examiner action	\$
1251	\$ 110	2251	\$ 55	Extension for reply within first month	\$
1252	\$ 420	2252	\$ 210	Extension for reply within second month	\$
1253	\$ 950	2253	\$ 475	Extension for reply within third month	\$
1254	\$1,480	2254	\$ 740	Extension for reply within fourth month	\$
1255	\$2,010	2255	\$1,005	Extension for reply within fifth month	\$
1401	\$ 330	2401	\$ 165	Notice of Appeal	\$
1402	\$ 330	2402	\$ 165	Filing a brief in support of an appeal	\$
1403	\$ 290	2403	\$ 145	Request for oral hearing	\$
1451	\$1,510	1451	\$1,510	Petition to institute a public use proceeding	\$
1452	\$ 110	2452	\$ 55	Petition to revive - unavoidable	\$
1453	\$1,330	2453	\$ 665	Petition to revive - unintentional	\$
1501	\$1,330	2501	\$ 665	Utility issue fee (or reissue)	\$
1502	\$ 480	2502	\$ 240	Design issue fee	\$
1503	\$ 640	2503	\$ 320	Plant issue fee	\$
1460	\$ 130	1460	\$ 130	Petitions to the Commissioner	\$
1807	\$ 50	1807	\$ 50	Processing fee under 37 CFR 1.17(g)	\$
1806	\$ 180	1806	\$ 180	Submission of Information Disclosure Statement	\$
8021	\$ 40	8021	\$ 40	Recording each patent assignment per property (times number of properties)	\$ 40.00
1809	\$ 770	2809	\$ 385	Filing a submission after final rejection (37 CFR 1.129(a))	\$
1810	\$ 770	2810	\$ 385	For each additional invention to be examined (37 CFR 1.129(b))	\$
1801	\$ 770	2801	\$ 385	Request for Continued Examination (RCE)	\$
1802	\$ 900	1802	\$ 900	Request for expedited examination of a design application	\$

Other Fee (specify) \_\_\_\_\_

Other Fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

## FEE CALCULATION

## 1. Basic Filing Fee

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	\$770	2001	\$385	Utility Filing Fee	\$ 770.00
1002	\$340	2002	\$170	Design Filing Fee	\$
1003	\$530	2003	\$265	Plant Filing Fee	\$
1004	\$770	2004	\$385	Reissue Filing Fee	\$
1005	\$160	2005	\$ 80	Provisional Filing Fee	\$
Subtotal (1)					\$ 770.00

## 2. Extra Claim Fees for Utility and Reissue

Claims	Extra	Fee (below)	Fee Paid
Total	20 - 20** = 0	x \$	= \$
Indep.	3 - 3** = 0	x \$	= \$
Multiple Dependent			\$

\*\*or number previously paid, if greater  
For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
\$ 18	\$ 9	Claims in excess of 20
\$ 86	\$ 43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid
\$ 86	\$ 43	**Reissue independent claims over original patent
\$ 18	\$ 9	**Reissue claims in excess of 20 and over original patent

Subtotal (2)

\$ -0-

Subtotal (3)

\$ 40.00

## SUBMITTED BY

Date: Oct 2, 2003

*James E. Bradley*  
James E. Bradley, Reg. No. 27,536  
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**CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR § 1.10**

I, Terrie Lindquist, hereby certify that this correspondence and its attachments are being deposited with the United States Postal Service as Express Mail, Express Mail Label No. EV 342413301 US, in an envelope on the date indicated, addressed to Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

*Terrie Lindquist*

Date:

*10-02-2003*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Kwong-Onn C. Chan et al.

Serial No.: To be assigned

Filed: Herewith

For: DRILL STRING SHUTOFF VALVE

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Docket No.: V2003012

Art Unit: To be assigned

Examiner: To be assigned

**TRANSMITTAL LETTER**

**Mail Stop: PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following documents:

1. Patent Application;
2. Utility Patent Application Transmittal;
3. Fee Transmittal;
4. Declaration and Power of Attorney;
5. Assignment and Recordation Form Cover Sheet;
6. Certificate of Express Mail Under 37 CFR 1.10; and
7. Our return postcard, which we would appreciate your date stamping and returning to us upon receipt.

I hereby authorize the Commissioner for Patents to charge any fees that may be required or credit any overpayment to ABB Vetco Gray Inc. Deposit Account No. 22-0279 (Order No. V2003012).

Respectfully submitted,

Date:

*Oct 2, 2003*

*James E. Bradley*

James E. Bradley, Registration No. 27,536

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